

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Date: January 28, 2004

SHANE ELWART,
GOPICHANDRA SURNILLA and
JOSEPH R. THEIS.

Filed : herewith

For : SYSTEM AND METHOD FOR REMOVING HYDROGEN
SULFIDE FROM AN EMISSIONS STREAM

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98

Applicants are submitting this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the U.S. Patent and Trademark Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 form(s). The filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicants respectfully request that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the "references cited" on any patents issuing therefrom.

CONTENT OF DISCLOSURE

This Information Disclosure Statement includes (1) one page of PTO-1449 forms, and (2) a legible copy of each foreign and non-patent reference, if any, listed on the form(s). However, because this application was filed on or after July 1, 2003, no copies of U.S. patents or published U.S. patent applications are included.

TIMING OF DISCLOSURE / FEE INFORMATION

This Information Disclosure Statement is being filed with the application or with a Request for Continued Examination of the application under 37 C.F.R. §1.114. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

Please contact the undersigned with any questions or comments regarding this Information Disclosure Statement.


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Respectfully submitted,

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANTS Shane Elwart et al.				
		FILING DATE herewith		GROUP ART UNIT		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	19827195	12-23-1999	DE			X
	19849082	02-10-2000	DE			X
	19921976	11-16-2000	DE			X
	19923481	11-23-2000	DE			X
OTHER DOCUMENTS						
	S.E. Golunski et al., "Identifying the Functions of Nickel in the Attenuation of H ₂ S Emissions from Three-way Automotive Catalysts", Catalysis Today, Elsevier Science Publishers B.V., 1991.					
	J.R. Asik et al., "Suppression of Sulfide Emission during Lean NO _x Trap Desulfation", SAE Technical Paper Series No. 2001-01-1299 (Reprinted from: Advanced Catalytic Converters and Substrates for Gasoline Emission Systems (SP-1573)), March 5-8, 2001.					
	Jon G. McCarty et al., "Thermodynamics of Sulfur Chemisorption on Metals. I. Alumina-supported Nickel", Materials Research Laboratory, SRI International.					
EXAMINER			DATE CONSIDERED			